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**New linear block copolymer, useful in cosmetic compositions for improving
adhesion and hold, contains at least two blocks with different glass
transition temperatures**

Patent Assignee: L'OREAL SA (OREA)

Inventor: LION B; MOUGIN N

Number of Countries: 103 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200346032	A2	20030605	WO 2002FR4067	A	20021127	200352 B
FR 2832719	A1	20030530	FR 200115436	A	20011129	200352
US 20030124074	A1	20030703	US 2002367728	P	20020328	200352
			US 2002304793	A	20021127	
AU 2002365296	A1	20030610	AU 2002365296	A	20021127	200419
EP 1448646	A2	20040825	EP 2002803837	A	20021127	200456
			WO 2002FR4067	A	20021127	
AU 2002365296	A8	20051020	AU 2002365296	A	20021127	200615
JP 2006514701	W	20060511	WO 2002FR4067	A	20021127	200635
			JP 2003547479	A	20021127	

Priority Applications (No Type Date): US 2002367728 P 20020328; FR
200115436 A 20011129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

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IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC
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FR 2832719 A1 C08F-293/00

US 20030124074 A1 A61K-007/11 Provisional application US 2002367728

AU 2002365296 A1 C08F-293/00 Based on patent WO 200346032

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AU 2002365296 A8 C08F-293/00 Based on patent WO 200346032

JP 2006514701 W 27 C08F-293/00 Based on patent WO 200346032

Abstract (Basic): WO 200346032 A2

NOVELTY - Linear ethylenic block copolymer (A) comprises at least
two blocks having different glass transition temperatures (T_g), where
at least one block has T_g not over 20degreesC. (A) has an adhesion or
'tack' value over 1 N.

USE - (A) is used in cosmetics (also, not claimed or exemplified,
in pharmaceuticals), especially hair lacquers, shampoos and make-up,
particularly nail varnish.

ADVANTAGE - Incorporation of (A) increases the hold and styling power of hair lacquers and the adhesion/retention of nail varnish or make-up. Compositions containing (A) feel comfortable on the skin; are not sticky and do not pull the skin.

pp; 50 DwgNo 0/0

Title Terms: NEW; LINEAR; BLOCK; COPOLYMER; USEFUL; COSMETIC; COMPOSITION;
IMPROVE; ADHESIVE; HOLD; CONTAIN; TWO; BLOCK; GLASS; TRANSITION;
TEMPERATURE

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